Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

1 (Currently Amended). In a communication server, a method of responding to a client application, the method comprising the steps of:

receiving from the client application an application protocol request corresponding to a response that can be displayed as a combination of a portion of the response that changes and a part of the response that is static;

creating at the server the portion of the response that changes;

sending the portion of the response that changes to the client application and then [[;]] retrieving the part of the response that is static from a cache disposed in an operating system kernel; and

sending the part of the response that is static to the client application.

2 (Previously Presented). The method of claim 1 wherein the cache disposed within the operating system kernel is a protocol object cache.

3 (Previously Presented). The method of claim 1 wherein the application protocol request and the reply are formatted according to a hypertext transfer protocol (HTTP).

4 (Previously Presented). The method of claim 2 wherein the application protocol request and the reply are formatted according to a hypertext transfer protocol (HTTP).

5 (Currently Amended). A computer program product comprising at least one of a CD-ROM, DVD-ROM, magnetic tape, diskette, magnetic fixed disk and a semiconductor device having computer program code embodied therein, the computer program code for enabling a server to respond to a client application, the computer program code comprising:

instructions for receiving from the client application an application protocol request corresponding to a response that can be displayed as a combination of a portion of the response that changes and a part of the response that is static;

instructions for creating at the server the portion of the response that changes;

instructions for sending the portion of the response that changes to the client application[[;]]~~instructions for~~ and then retrieving the part of the response that is static from a cache disposed in an operating system kernel; and

instructions for sending the part of the response that is static to the client application.

6 (Previously Presented). The computer program product of claim 5 wherein the cache disposed within the operating system kernel can be a protocol object cache.

7 (Previously Presented). The computer program product of claim 5 operable to format the application protocol request and the reply according to a hypertext transfer protocol (HTTP).

8 (Previously Presented). The computer program product of claim 6 operable to format the application protocol request and the reply according to a hypertext transfer protocol (HTTP).

9 (Currently Amended). Apparatus for responding to a client application, the apparatus comprising:

a cache disposed in an operating system kernel;

means for receiving from the client application an application protocol request corresponding to a response that can be displayed as a combination of a portion of the response that changes and a part of the response that is static;

means for creating at the server the portion of the response that changes;

means for sending the portion of the response that changes to the client application[[;]] ~~means for~~ and then retrieving the part of the response that is static from the cache through an operable connection to the cache; and

means for sending the part of the response that is static to the client application.

10 (Previously Presented). The apparatus of claim 9 wherein the cache can be a protocol object cache.

11 (Currently Amended). An instruction execution system operable as a communication protocol server, operable to respond to a client application by performing the steps of:

receiving from the client application an application protocol request corresponding to a response that can be displayed as a combination of a portion of the response that changes and a part of the response that is static;

creating at the server the portion of the response that changes;

sending the portion of the response that changes to the client application[[;]] and then retrieving the part of the response that is static from a cache disposed in an operating system kernel; and

sending the part of the response that is static to the client application.

12 (Previously Presented). The instruction execution system of claim 11 further operable as a hypertext transfer protocol (HTTP) server.

13 (Previously Presented). The instruction execution system of claim 11 wherein the cache can be a protocol object cache.

14 (Previously Presented). The instruction execution system of claim 12 wherein the cache can be a protocol object cache.